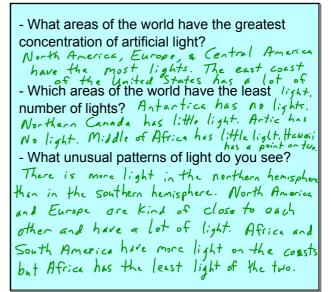
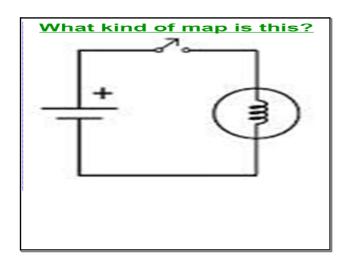


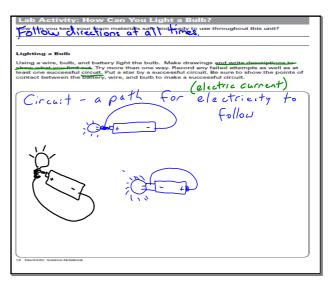
Apr 20-1:10 PM



Apr 21-8:02 AM



Apr 20-1:18 PM



Apr 22-7:58 AM

age 13

Will the bulb light no matter where you connect the wire to the battery?

Or do the wire and battery need to connect in a certain way?

Explain your ideas by telling *why* you're thinking what you are thinking.

page 14 Explain

1. What did you have to do in order to light the bulb?

We had to make sure that the electric current had a full circle path to go from wire to bulb to both ends of the battery.

2. What happens when a short circuit occurs?

A short circuit is when the electricity finds an easier way to complete the circuit (path) and leaves out the light bulb. It can get very hot and start a fire.

3. What other ways can you light the bulb? Draw or describe them.

The battery can be turned around so the bulb is touching either the positive or the negative end.

The side of the light bulb can be touching the end of the battery and the wire touching the bottom of the bulb.

The side of the bulb can be touching the end f the battery and the wire touching the other side of the light bulb.

It does NOT work if the work if the bottom of the bulb is touching the battery and the wire is also at the bottom of the bulb and the battery. The bulb gets left out of the circuit.

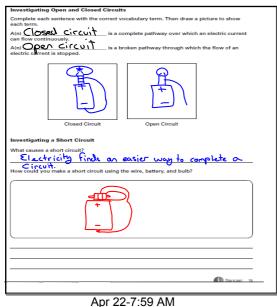
Apr 21-8:00 AM

Apr 20-1:32 PM

Natural light: Moon
Lusted over 40 hours.
The two days
It made lives easies.
You only home true on a suitch.

Nevergive up!

Try again



What advice do you think Edison w give you as you work through the L Activities in this unit?

1. Draw and describe in words the difference between a closed circuit and an open circuit.

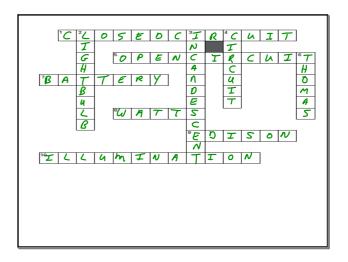
A closed circuit lets electricity go all the way around it, so things turn on.

An open circuit has a break in it so things are turned off.

2. Use the word illuminate in a sentence about your house.

My house is well illuminated.

3. The first light bulb that Edison invented was 16 watts. You might use bulbs at home that are 75 or 100 watts. What does the number of watts tell you about a bulb? It tells me how bright the balb is Balbs with more watts are brighter.



Apr 21-8:55 AM

Apr 24-7:55 AM Apr 24-8:13 AM